# ENERGY COMPACT SUBMISSION

Energy Compacts have been identified as High Impact Initiative to drive SDG 7 and clean energy goals. The instructions alongside each line item will serve as a guide to support you in this process. All items marked with an asterix (*) are mandatory. Kindly supplement your application with any relevant files. Please note that by submitting an Energy Compact you indicate a willingness to align with the guiding principles and subject to appraisal against them. You can find the Energy Compact guiding principles here: https://www.un.org/sites/un2.un.org/files/ec-expression-of-interest.pdf

Should you require further assistance, please contact us at un-energycompact@un.org with a copy to energycompact@seforall.org.

| SECTION 1: GENERAL INFORMATION | | PROPONENT NOTES<br>Use this column to add any additional comments |
|---|---|---|
| Energy Compact Title | **TotalEnergies' ambition to develop 100 GW of renewable installed gross capacity worldwide and to have a net production of more than 100 TWh by 2030, and to provide clean cooking to 100 million people in Africa and Asia.** | |
| Proponent name(s) * | **TotalEnergies SE** | |
| Proponent type * | **Business** | |
| Primary contact name * | Myriam Benhammouda | |
| Additional contact name(s) * | **Karine Boissy Rousseau** | |
| Region * | **Global** | |

| SECTION 2: AMBITION | | PROPONENT NOTES<br>Use this column to add any additional comments |
|---|---|---|
| *Linkages ** | 7.1 | https://totalenergies.com/news/press-releases/totalenergies-takes-action-give-access-clean-cooking-100-million-people-africa |
| *Target ** | Target: (New)<br><br>**Develop clean cooking solutions for 100 million people in Africa & India by 2030.**<br>Access to clean energy, particularly for cooking, is an essential prerequisite for economic and social development in emerging countries.<br>TotalEnergies is committed to investing in Liquefied Petroleum Gas (LPG) facilities to develop clean cooking solutions in Africa and India, which will help 100 million people access healthier, more sustainable and more reliable energy" by 2030. In Africa, this ambition includes opening new LPG activities in Mozambique and Namibia, and continuing the recent development in Rwanda and Tanzania, where LPG activities were launched in 2023. The Company also intend to significantly increase its growth in Kenya, Cameroon, South Africa, Ivory Coast, Senegal and India. In order to make clean cooking affordable for as many people as possible, the Company will develop the use of digital pay-as-you-cook technologies that allow customers to pay only as they use the LPG cylinder, rather than having to pay the full value of the cylinder volume up front. | https://totalenergies.com/system/files/documents/totalenergies_sustainability-climate-2025-progress-report_2025_en.pdf#page=99 |
| *Linkages* | 7.2 | |
| *Target* | •TotalEnergies aims to be among the world's top actors in renewable energies by 2030, with the ambition to have developed a gross capacity of 100 GW of installed renewable power generation by 2030 (compared to 7 GW at the end of 2020) and (New) to have a net electricity production of more than 100 TWh by 2030 (circa. 70% Renewables and 30% flexible/gas fired)<br>•At least one third of our 100 GW gross capacity ambition i.e. 33 GW is expected to be developed in emerging or developing countries in Asia, Africa, Middle East and South America. This initiative is expected to provide more reliable and sustainable energy to around 40 million people in these regions, many of whom will gain a decent access to power for the first time, considerably improving their daily lives. | https://totalenergies.com/system/files/documents/totalenergies_sustainability-climate-2025-progress-report_2025_en.pdf#page=24 |
| *Linkages* | 7.a | https://totalenergies.com/system/files/documents/totalenergies_sustainability-climate-2025-progress-report_2025_en.pdf#page=54;<br>https://totalenergies.com/news/press-releases/cop29- |
| *Target* | Target: (New)<br><br>**Accelerate efforts to decarbonize the O&G industry:**<br>•TotalEnergies and more than 50 O&G companies signed up to the Oil & Gas Decarbonization Charter (OGDC), a global industry initiative launched at COP28, co-chaired by TotalEnergies' CEO. The OGDC's ambition is to work towards net-zero operations by 2050, as well as near-zero upstream methane emissions and zero routine flaring by 2030. Moreover, OGDC members are committed to measuring and publicly reporting progress.<br>•In line with the OGDC's principle to share good practices, TotalEnergies makes its AUSEA technology available to other operators among the signatories, as an effective and recognized tool to detect, measure and eventually abate methane emissions on their own assets<br>•TotalEnergies is installing continuous detection equipment on all its operated Upstream assets, enabling real-time identification of methane emissions, both fugitive and stationary, and immediate corrective actions to stop them. This continuous detection plan will be fully implemented by end-2025 | COP29: TotalEnergies and Oil India Join Forces to Collaborate on Methane Emissions Detection and Measurement \| TotalEnergies.com |
| *Linkages* | 1.2 | https://totalenergies.com/system/files/documents/totalenergies_sustainability-climate-2025-progress-report_2025_en.pdf#page=44 |
| *Target* | Our 2030 objectives:<br>•Reduce by 40% or more on a net basis the scope 1+2 emissions of our operated activities compared to 2015<br>•Reduce by 80% the methane emissions of our operated activities compared to 2020<br>•Reduce by 25% the lifecycle carbon intensity of energy products sold compared to 2015<br><br>Our 2050 ambition: ambition of carbon neutrality by 2050 across all our operations worldwide, from production to the use of energy products sold to our customers, together with society. | |

| SECTION 3: ACTIONS & OUTCOMES TO ACHIEVE TARGETS | | PROPONENT NOTES<br>Use this column to add any additional comments |
|---|---|---|
| *Relevant target ** | 7.1 Develop clean cooking solutions for 100 million people in Africa & India by 2030. | https://totalenergies.com/system/files/documents/totalenergies_sustainability-climate-2025-progress-report_2025_en.pdf#page=99 |
| *Action(s) & Outcome(s) ** | In 2024, TotalEnergies distributed 990kt of bottled LPG in Africa and Asia, serving 15 million households and around 60 million people. | https://totalenergies.com/news/press-releases/totalenergies-takes-action-give-access-clean-cooking-100-million-people-africa |
| *Due dates ** | 2030 | |
| *Financial commitment ** | TotalEnergies is committed to investing $400 million in LPG to develop “clean cooking” solutions in Africa and India, primarily in cylinders but also in storage and filling facilities | |
| *Relevant target* | 7.2 Aims to develop a gross capacity of 100 GW of installed renewable power generation and (New) have a net electricity production of more than 100 TWh by 2030 (circa. 70 % renewables and 30% flexible/gas fired) | https://totalenergies.com/system/files/documents/totalenergies_sustainability-climate-2025-progress-report_2025_en.pdf#page=10 |
| *Action (s) & Outcome (s)* | At year-end 2024, TotalEnergies reached a gross installed production capacity of 26 GW of renewable electricity, including 7,3 GW in India, and intends to continue developing these activities to reach 35 GW in 2025 and 100 GW in 2030. TotalEnergies generated 41TWh of electricity in 2024.<br><br>Some 2024 outcomes to highlight:<br>-Hydropower in Africa: in 2024, TotalEnergies signed an agreement with Scatec to acquire interests in renewable hydroelectricity projects in Africa, notably in the Bujagali hydroelectric power station, currently in operation in Uganda, which covers more than 25% of the country’s current maximum electricity demand. TotalEnergies also took minority stakes in two projects under development in Rwanda and Malawi.<br>-TotalEnergies is working towards the implementation of its integrated power strategy by acquiring VSB in Germany. VSB has built a recognized expertise and notable track record in the development of onshore wind power farms across Europe (more than 2 GW of developed capacity). VSB has over 475 MW of renewable capacity in operation or under construction mainly in Germany and France, and a pipeline of 18 GW of wind, solar and battery storage technologies mainly across Germany, Poland and France.<br>-United States: in 2024, TotalEnergies commissioned Danish Fields (720 MW) and Cottonwood (455 MW), two solar power plants with co-located battery storage in southeast Texas. These new projects are part of a portfolio of more than 8 GW of renewable assets in operation in the country | https://totalenergies.com/system/files/documents/totalenergies_sustainability-climate-2025-progress-report_2025_en.pdf#page=25;<br>https://totalenergies.com/news/press-releases/integrated-power-renewables-totalenergies-implements-its-strategy-capital; |
| *Due dates* | 2030 | https://totalenergies.com/news/press-releases/renewables-totalenergies-acquires-portfolio-hydropower-projects-africa-deploy |
| *Financial commitment* | The Company aims to grow its net power generation to more than 100 TWh by 2030, investing on average $4 billion per year.<br>TotalEnergies invested $17,8 billion in 2024, including around $4,8 billion for low-carbon energy mainly in power ($4 billion).<br>In 2025, we plan to invest between $17 and $17.5 billion, including $4 billion for Integrated Power. | https://totalenergies.com/system/files/documents/totalenergies_sustainability-climate-2025-progress-report_2025_en.pdf#page=29 |
| *Relevant target* | 7.a Accelerate efforts to decarbonize the O&G industry | https://totalenergies.com/system/files/documents/totalenergies_sustainability-climate-2025-progress-report_2025_en.pdf#page=54 |
| *Action (s) & Outcome (s)* | TotalEnergies was one of the first companies to sign the O&G Decarbonization Charter (OGDC), and its CEO was chosen to represent the IOCs on the OGDC’s three-person co-chairmanship, formed by the CEOs of ADNOC, Aramco and TotalEnergies. This initiative brings together more than 55 companies representing nearly 45% of the world’s oil production. It brings together for the first time international oil companies and national oil companies from the O&G sector around concrete objectives to act on their emissions and report on their actions.<br><br>The OGDC published its first Baseline Report at COP29, establishing a foundation to prioritize and track emissions reductions for its signatories, which represent nearly 45% of global oil production. The report highlights the Charter's ambitions for net-zero operations by 2050, near-zero methane emissions, and zero routine flaring by 2030, along with the progress made in the first year since its launch at COP28. The initiative emphasizes ongoing knowledge sharing and collaboration to accelerate climate action.<br><br>As pioneers in detecting and quantifying methane emissions, TotalEnergies has a unique technology presented to the OGDC’s signatories: AUSEA is a drone-mounted dual gas sensor, capable of detecting methane and carbon dioxide emissions, while at the same time identifying their source, to slash emissions.<br><br>Since 2022, TotalEnergies has been deploying AUSEA across its operated sites in the Upstream segment. TotalEnergies is making this technology available to national companies’ members of the OGDC, including Petrobras in Brazil, SOCAR in Azerbaijan, Sonangol in Angola, NNPCL in Nigeria, and ONGC and Oil India in India.<br><br>For example, to support the efforts of India’s Oil and Natural Gas Company (ONGC) to achieve zero methane emissions by 2030, TotalEnergies and ONGC signed a cooperation agreement in 2024 for drone campaigns on three ONGC-operated sites in 2025.<br><br>In 2024, TotalEnergies announced that all of its upstream Oil and Gas operated sites will be equipped with real time permanent methane emissions detection equipment (sensors, IoTs…) by the end of 2025, pioneering the way to reach near zero methane emissions by 2030. | https://totalenergies.com/news/press-releases/cop29-oil-gas-decarbonization-charter-publishes-its-first-report-baseline;<br>https://totalenergies.com/media/news/press-releases/cop28-totalenergies-makes-its-technology-available-three-national;<br>https://totalenergies.com/news/press-releases/cop29-totalenergies-and-oil-india-join-forces-collaborate-methane-emissions;<br>https://totalenergies.com/news/press-releases/cop29-totalenergies-deploys-continuous-real-time-methane-emissions-detection; |
| *Due dates* | 2030 | https://totalenergies.com/system/files/documents/totalenergies_sustainability-climate-2025-progress-report_2025_en.pdf#page=55 |

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|---|---|---|
| *Financial commitment* | | |
| *Relevant target* | 1.2 Our 2030 objectives | |
| *Action (s) & Outcome (s)* | By 2030, reduce by 40% or more on a net basis the scope 1+2 emissions of our operated activities compared to 2015.<br>Our progress in 2024:<br>•The scope 1+2 emissions of our operated facilities reached 34Mt CO2eq compared to 46Mt CO2 eq in 2015.<br>•Reduction by 36% vs 2015 for O&G assets.<br><br>By 2030, reduce by 80% the methane emissions of our operated activities compared to 2020<br>Our progress in 2024:<br>•Methane emissions of our operated activities have been reduced by 55% compared to 2020.<br><br>By 2030, reduce by 25% the lifecycle carbon intensity of energy products sold compared to 2015<br>Our progress in 2024:<br>•The lifecycle carbon intensity of energy products sold have been reduced by 16.5% compared to 2015. | https://totalenergies.com/system/files/documents/totalenergies_sustainability-climate-2025-progress-report_2025_en.pdf#page=44 |
| *Due dates* | 2030 | |
| *Financial commitment* | | |